



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D4974-1

Job Sheet 203867



Part No: D4974-1

Job Qty: 5 pcs

Part Name: Upper Rail



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/28/19

Job Tracking No:

Due Date: 1/15/20

Created By: Jennifer Renwick

Type: SOLD

Description:

Note: DWG REV D IPP REV:A NEW ISSUE 13-11-14 JLM VERIFIED BY:DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
105	Bandsaw - 1	5 pcs	1/15/20	0.00	0.02		Bandsaw - 1	20-01-08
110	HAAS 5 Axis - B4B	5 pcs	1/15/20	0.75	7.81		HAAS - 5 - B4B	20-01-09
120	QC 2	5 pcs	1/15/20	0.00	0.00		QC 2 - 1	
							QC 2 - 12	
							QC 2 - 14	
							QC 2 - 17	
							QC 2 - 19	
							QC 2 - 2	
							QC 2 - 20	20-01-09
							QC 2 - 22	
							QC 2 - 23	
							QC 2 - 25	
							QC 2 - 32	
							QC 2 - 33	
							QC 2 - 35	
							QC 2 - 39	
							QC 2 - 4	
							QC 2 - 40	
							QC 2 - 44	
							QC 2 - 45	
							QC 2 - 48	
							QC 2 - 49	
							QC 2 - 50	
							QC 2 - 51	
							QC 2 - 52	
							QC 2 - 57	
							QC 2 - 62	
							QC 2 - 63	
							QC 2 - 8	
							QC 2 - 66	
							QC 2 - 64	



Container No: S245837



Part: D4974-1

Job No: 203867

Serial No/Batch: S245837

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL : 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 01/08/20

130 QC 8	5 pcs	1/15/20	0.00 0.00	QC 2 - 65	
				QC 2 - 5	
				QC 2 - 71	
				QC 2 - 73	
				QC 2 - 69	
				QC 8 - 12	
				QC 8 - 14	MK 2010/10
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
				QC 8 - 47	
				QC 8 - 40	
				QC 8 - 52	
				QC 8 - 23	
				QC 8 - 57	
				QC 8 - 76	
				QC 8 - 61	
140 Outsource - 4 - Anodize	5 pcs	1/15/20	0.00 0.00	ATG 001	2020-01-13
150 Packaging 2-1 - Receive - B4B	5 pcs	1/15/20	0.00 0.00	Packaging 2 - 1 - B4B	
				Packaging 2 - 2 - B4B	
				Packaging 2 - 3 - B4B	
				Packaging 2 - 5 - B4B	JAN 16 2020
				Packaging 2 - 4 - B4B	
				Packaging 2 - 6 - B4B	
				Packaging 2 - 7 - B4B	
				Packaging 2 - 8 - B4B	
				Packaging 2 - 9 - B4B	
				Packaging 2 - 10 - B4B	
				Packaging 2 - 11 - B4B	
				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	

Plex 11/28/19 9:16 AM Dart.Renwick.Jennifer

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				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
190 QC 21 - SA	5 pcs	1/15/20	0.00 0.00	QC 21 - SA - 21	DAS
				QC 21 - SA - 70	21
				QC 21 - SA - 53	8-00

Part Op 105 - (Bandsaw) CUT BLANK 12.875" LONG
 Descriptions: 110 - HAAS1-5 (HAAS CNC Vertical Machine) 1-Machine per folio FB230
 120 - (QC2- Inspect parts off machine FAI/FAIB)
 130 - (QC8- Inspect parts - second check)
 140 - (Outsource process-Anodize per QSI017 4.1.10.1) Issue P/O to ATG : 45557 1- Black Anodize as per Dwg D4974 2- Prime as per dwg
 150 - (Receive & Inspect for Damage & Mat'l Certs)
 155 - (QC5- Inspect part completeness to step on W/O)
 180 - (Identify as per dwg & Stock Location: _____)
 190 - (QC21- Final Inspection - Work Order Release)

JAN 16 2020

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
M7075T6S1.750X2.250	7075-T6 Sheet 1.750" X 2.250"	5.3700 ft (1.074 ea)	105-Bandsaw - 1	S103 205

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
105-Bandsaw - 1	M7075T6S1.750X2.250	5	128	0

Part Specifications	
Specifications could not be found.	

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DART AEROSPACE LTD		Work Order:	203 867
Description: Upper Rail		Part Number:	D4974-1
Inspection Dwg: D4974	Rev: D	Page 1 of 1	

INSPECTION SHEET

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
0.363	+/-0.010	.363	✓		SL10	Vern
0.370	+/-0.010	.365	✓			
1.260	+/-0.010	1.263	✓			
1.811	+/-0.010	1.88	✓			
2.095	+/-0.010	2.096	✓			
1.378	+/-0.010	1.379	✓			
Ø0.201	+0.005/-0.001	.201	✓			
2.000	+/-0.010	1.996	✓		SLIC	Vern
0.830	+/-0.010	.8301	✓		Height gauge	
0.991	+/-0.010	.992	✓		Deep throat Mic	
R0.13	+/-0.030	.125	✓		Rad gauge	
0.178	+/-0.010	.180	✓		Deep throat Mic	
0.10 x 45°	+/-0.030 x +/-0.5°	.100 x 45°	✓		SL10	Vern
0.340	+0.000/-0.004	.338	✓		SL02	Mic
1.000	+/-0.010	1.000	✓		SL10	Vern
Ø0.177	+0.005/-0.001	.178	✓		gauge	Pin
Ø0.166	+0.005/-0.001	.166	✓		"	
0.277	+/-0.010	.278	✓		Height gauge	
1.875	+/-0.010	1.8743	✓			
3.750	+/-0.010	3.7484	✓			
5.625	+/-0.010	5.622	✓			
0.750	+/-0.010	.7483	✓			

Measured by:	DAC 20 9-08	Checked by:	[Signature]	QC Inspector:	
Date:	20-01-08	Date:	20/01/10	Date:	

Engineering Approval: (If necessary)		Date:	
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Rev	Date	Change	Revised by	Approved
A	14.08.27	New Issue	KJ	
B	15.02.26	Tolerance revised for 0.340 dimension	KJ	[Signature]

Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐



Job: _____ Part No. _____		DISPOSITION			DEPARTMENT/PROCESS								
		Rework ☐ Scrap ☐ Use-as-is ☐			Skid-tube ☐ Machining ☐ Large Fab ☐		Cross tube ☐ Small Fab ☐ Finishing ☐		Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐		Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐		
Date :	Sequence #:	QTY Affected :		MRB (QS1042)									
Description Work Order Deviation		Disposition											
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY											
		Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Other/Details: _____		Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐		Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread ☐					
		Completed By _____											
		Lead hand / Supervisor _____											
		QC / QA Coordinator _____											



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **POHB045552**



Supplier: ATG001-VC
A.T.G. Industries Inc
760 INDUSTRIELLE STREET
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB045552

PO Date: 1/13/20

Due Date: 1/27/20

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pynt Terms: Net 60

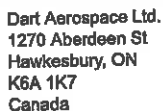
Freight Terms:

Special Comments:

EMAILED
2020-01-15

Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	205422	RBE105-42121W3-1	RBE105-42121W3 Rev 0	Base - Issue P/O; - ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant - Material type; 6061T6 - Certificate of Conformity is required	Firmed X2	-	1/14/20	2 pcs	0 pcs	2 pcs	\$5.36/pcs	\$10.72
JAN 16 2020												
Line Item Note: ***NEED SUPER RUSH***												
2	205043	D4977-1	D4977 Rev D	Bracket, LH : Various STC's Issue P/O to ATG : 1- Black Anodize as per Dwg 2- PRIME AS PER DWG, SEE NOTE #2 Certification of Conformity is required	Firmed X4	-	1/27/20	4 pcs	0 pcs	4 pcs	\$10.50/pcs	\$42.00
JAN 16 2020												
3	204694	D4977-2	D4977 Rev D	Bracket, RH : Various STC's Issue P/O to ATG : 1- Black Anodize as per Dwg 2- PRIME AS PER DWG, SEE NOTE #2 Certification of Conformity is required	Firmed X5	-	1/27/20	5 pcs	0 pcs	5 pcs	\$10.50/pcs	\$52.50
JAN 16 2020												
4	203865	D4973-1	D4973 Rev C	Upper Cutter Deflector : Various STC's (Outsource process-Anodize per QSI017 4.1.10.1) ISSUE P/O: TO: ATG ANODIZE AS PER DWG PRIME AS PER DWG	Firmed X6	-	1/20/20	6 pcs	0 pcs	6 pcs	\$14.00/pcs	\$84.00
JAN 16 2020												
Line Item Note: **NEED BY JAN 20**												
5	203867	D4974-1	D4974 Rev D	Upper Rail : Various STC's (Outsource process-Anodize per QSI017 4.1.10.1) Issue P/O to ATG : 1- Black Anodize as per Dwg D4974 2- Prime as per dwg	Firmed X5	-	1/20/20	5 pcs	0 pcs	5 pcs	\$12.75/pcs	\$63.75
JAN 16 2020												
Line Item Note: **NEED BY JAN 20**												



Tel (613) 632-5200

PURCHASE ORDER
POHB045552



Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 1/15/20 12:58 PM Dart.Guerin.Kimberley



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 919393

Date: 15-Jan-20

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Kimberley Guerin
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.			
4 ea	Part: D4977-1 Bracket, LH Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (1 - 2 mils) per drawing. Batch/Lot#: S236137 Job: 26743 PO: POHB045552	Rev: D JAN 16 2020 	Expiry Date: 05/29/2021 Line: 2
5 ea	Part: D4977-2 BRACKET Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5-4.5mils) Prime per MIL-P-23377J Type 1, Class N (Customer Supplied), .0001-.0002" (1 - 2 mils) per drawing. Batch/Lot#: S236137 Job: 26744 PO: POHB045552	Rev: D JAN 16 2020 	Expiry Date: 05/29/2021 Line: 3
6 ea	Part: D4973-1 Upper Cutter Deflector Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (1 - 2 mils) per drawing. Batch/Lot#: S236137 Job: 26745 PO: POHB045552	Rev: C JAN 16 2020 	Expiry Date: 05/29/2021 Line: 4

RECEIVED

JAN 15 2020

DART AEROSPACE LTD.

Made in Canada.



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 919393

Date: 15-Jan-20

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Kimberley Guerin
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
5 96	Part: D4974-1 Upper Rail Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (1 - 2 mils) per drawing. Batch/Lot#: 5236137 Job: 26746 PO: POHB045552	Rev: D Expiry Date: 05/29/2021 Line: 5	JAN 16 2020 JAN 16 2020 DAS 40 9-89
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: JAN 15 2020 Certified Signature: _____ Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.			

Made in Canada.